

Name: _____

Date: _____

Individual Graphing Quadratic Functions Practice: NAME YOUR FUNCTIONS AFTER YOU GRAPH!

1. Graph $y = x^2 + 6x - 1$. Provide all information requested.

axis of symmetry: _____

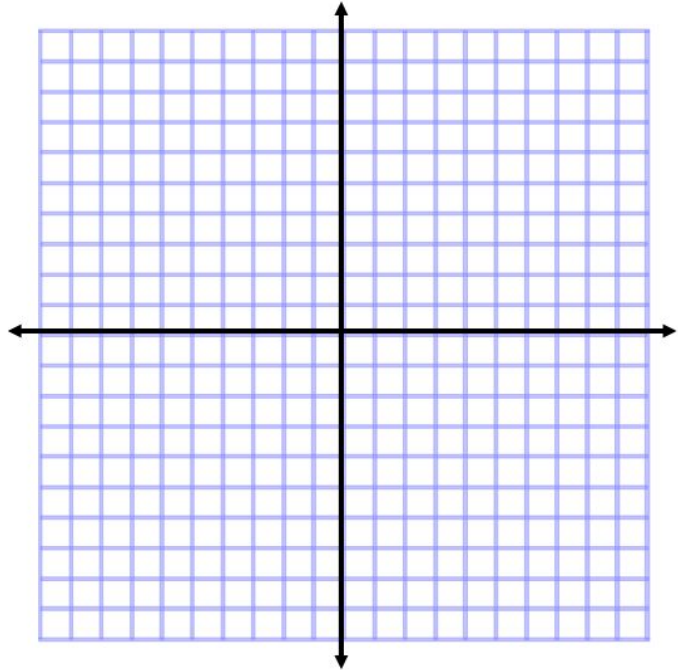
vertex: (____, ____)

point #1: (____, ____)

reflection of point #1: (____, ____)

point #2: (____, ____)

reflection of point #2: (____, ____)



2. Graph $y = \frac{1}{2}x^2 - 3x + 2$. Provide all information requested.

axis of symmetry: _____

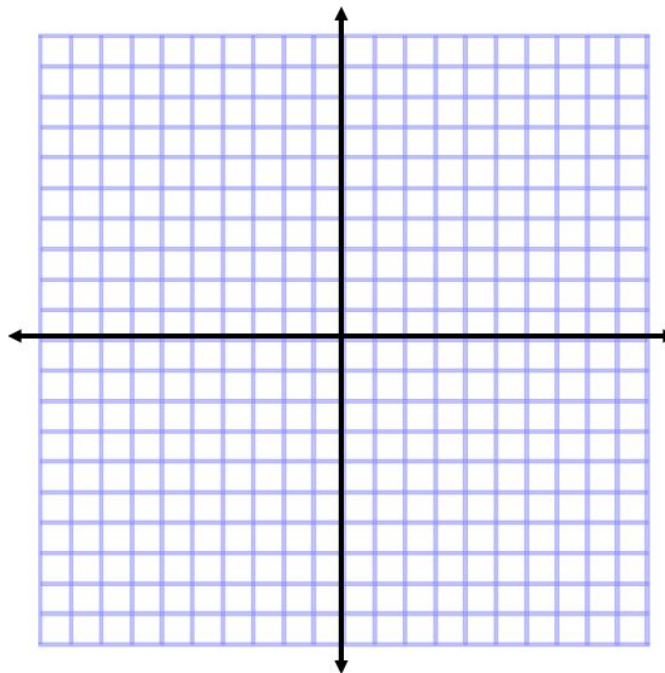
vertex: (____, ____)

point #1: (____, ____)

reflection of point #1: (____, ____)

point #2: (____, ____)

reflection of point #2: (____, ____)



3. Graph $y = -2x^2 + 8x - 6$. Provide all information requested.

axis of symmetry: _____

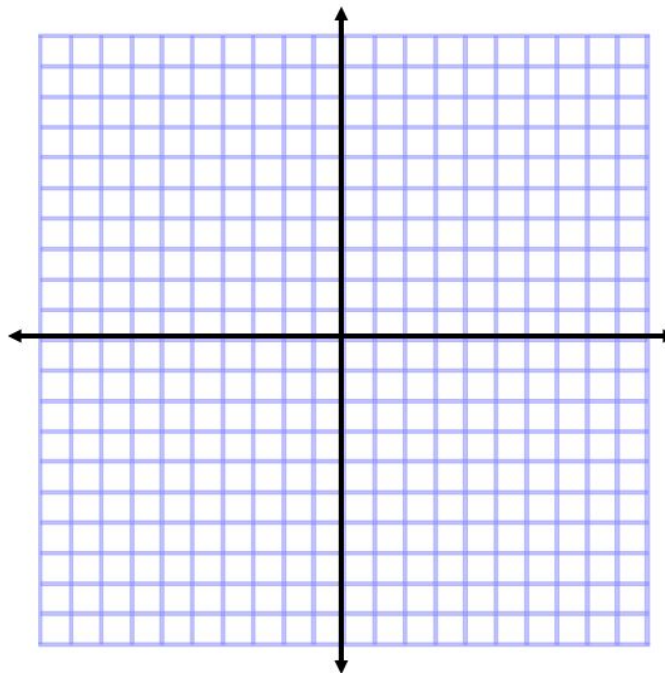
vertex: (____, ____)

point #1: (____, ____)

reflection of point #1: (____, ____)

point #2: (____, ____)

reflection of point #2: (____, ____)



CHALLENGE: Graph: $y = -2x^2 - 1/2x + 6$. Provide all requested information.

axis of symmetry: _____

vertex: (____, ____)

point #1: (____, ____)

reflection of point #1: (____, ____)

point #2: (____, ____)

reflection of point #2: (____, ____)

